

# Project of Car Auction Site

## 1. Summary

### ➤ Main Goal

The main goal of this system is to let customers do auction and buy cars through API, and let admin can control of all features and progresses.  
So there will be two categories. Auction Ads and Fixed price ads

### ➤ Key

- Customers can do bids for car auctions
- Live auctions page. ( So if a customer gives bid on multiple cars they should appear in a list on his live button page. So that he can bid on a single page on several cars. )
- Customer can pledge to buy a fixed price car and seller can set it as sold or inactive ad.
- Customers can check all available cars and get all car informations
- Admin can control car data and car auctions
- Admin can monitor user's activities.
- Site should get car informations from state API
- Several kinds of Payment gateways will be integrated to this car auction system so that customers can deposit money as much as they want
- Customer can make ad of their car and auction it. They can also export the car ad to local marketplace [finn.no](http://finn.no) using an API.
- Manage expenses. User can fill inn online contract form and send to buyer or seller for sign online or print it out as PDF document for signature by hand. Add the repair cost of the car and see the margin.

So once the bought price, repair cost and sold price is added, user can see how much he have earned.

I have used a system recently please login and check and do not make any changes.

User: demo@demo.com Password: Doesit1@1

<https://billink.no/>

User google translator.

## 2. Features

### 1) User 2 type of users.

#### 1. Private users with a compnay or without a compnay.

Private users don't need the expenses system, but they can make auction or a fixed price ad and publish if authorised by admin or verified.

### 2)

2. Dealers with compnay only. These type of users need the [billink.no](https://billink.no/) type control panel to manage their inventory.

#### ➤ Registration

- Enter your data (User id, Name, email, Password, confirm password)
- Click on the signup button

#### ➤ Login

- Enter your data (User id and Password)
- Click login

➤ Forgot password

- Click forgot password
- Enter your data (email or username)
- Click ok
- User will receive an email to change the password

➤ Profile Change

- Users can change their profile in the user panel

➤ Users can bid auctions

- Users should pay small fee for auctions ads or fixed price ad using VIPPS payment gateway or credit card
- If a user win the auction, he can contact the seller.
- If a user lose the auction, he can't contact the seller

## **2) Homepage**

➤ Advertising Slogans

- user can see the how to play auctions and what is good in auctions

➤ Typical Live Auctions and winners

- Displays the available auctions and winners of the auctions

## **3) Auction Interface(The most important)**

- The auction will list all the bidders who did bid in the auction.

- The auction will finish when the time is up.
- The user who bid with maximum price will be the winner when the time is up.
- Success/Lose case Interface with congratulations/loss messages.
- If there's a bidder in 1 minute before the auction end time, the auction time will be increased 1 minute more for getting more competitive bids.

#### **4) Admin**

- Control the auctions
- Integrating StateAPIs for cars
- Manage all the customer's auction history, information and credits
- Monitor the auction process
- Total Information and Calculation of profit

#### **5) Live Ticketing Interface**

- Users can make live ticket for help
- Admin and user can have live chatting

### **3. Estimation**

- Technique
  - Server => Laravel Backend Server
  - MySQL DB
  - VueJS
- Budget & Deadline

- Budget => 1500 USD
- Deadline => 1 month